

Arboviral Surveillance Report

September 6, 2016

Surveillance

The City's arboviral surveillance continued last week with the city-wide placement of 83 traps. Mosquitoes were collected on two consecutive nights and tested in-house for West Nile virus (WNV) and St. Louis Encephalitis (SLE). Trap counts increased by about 60% from the prior week though positive WNV results remained about the same. The risk for WNV infection continues to remain high.

Mosquitoes (data from 83 traps)

Week 35 (08/28/16 – 09/03/16)	
Total Collections (Number of Traps X Frequency of Collection)	150
Number of Female <i>Culex</i> Trapped and Tested	2,137
Number of Pools Tested	146
Number of Pools Positive	29
Number of Community Areas with Positive Mosquito Pools	12
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1,961
Number of Female <i>Culex</i> Trapped and Tested	28,519
Number of Pools Tested	1,523
Number of Pools Positive	408
Number of Community Areas with Positive Mosquito Pools	41

Community Areas with Positive Mosquito Pools (Cumulative): Archer Heights, Ashburn, Austin, Avalon Park, Avondale, Belmont Cragin, Beverly, Chicago Lawn, Clearing, Dunning, East Garfield Park, Edgewater, Edison Park, Englewood, Forest Glen, Gage Park, Greater Grand Crossing, Hegewisch, Humboldt Park, Irving Park, Lake View, Lincoln Park, Lincoln Square, Near West Side, New City, North Lawndale, North Park, Norwood Park, O'Hare, Portage Park, Pullman, Riverdale, Rogers Park, South Deering, South Lawndale, South Shore, Uptown, Washington Heights, West Lawn, West Pullman, West Town

Dead Birds: 2 – unable to test

BG Sentinel Trap Data (Cumulative): *Aedes albopictus* – 1,300 females and 529 males

Humans: 3

Risk Assessment

The risk of human West Nile virus infection remains high.

Larval and Adult Mosquito Control Efforts

We continue to monitor catch basins in treated and non-treated areas. Truck ULV adulticiding will occur on Wednesday, September 7th in areas of the city with elevated risk.